Interactions with the Environment Quiz Review

Key Terms:  
Biotic Abiotic Organism Micro-Organism Species  
Population Community Ecosystem Ecology Habitat  
Competition Predation Mutualism Photosynthesis Producer  
Consumer Herbivore Omnivore Carnivore Scavenger   
Detrivores Decomposer Food Chain Food Web Closed System  
Sustainable Succession Biodiversity Endangered Species Extinction  
Invasive Species Native Species

Apart from the terms above you should know the following from the following Chapters

4.1- What is an Ecosystem?

* Know how we classify the different parts of an ecosystem
* Know how humans interact with the environment, specifically Point Pelee

4.2- The Needs of Living Things

* Know how habitat is needed in an ecosystem
* Know how sunlight is needed in an ecosystem
* Know how air is needed in an ecosystem
* Know how water is needed in an ecosystem
* Know how food is needed in an ecosystem
* Know how an ideal temperature range is needed in an ecosystem

4.4 - Interactions among living things

* Know the different ways organisms can interact
* Know how specific examples of competition, predations, and mutualism

4.5 - How Do Humans Fit into Ecosystems?

* Know how humans interact with the environment
* Know how farming helps humans, but endangers the environment
* Know how mining helps humans, but endangers the environment.

5.1 – The Roles of Organisms in Ecosystems

* Know how photosynthesis works
* Know how energy travels through an ecosystem
* Know the roles each type of organism plays in an ecosystem

5.2 – Food Chains and Food Webs

* Know how Food Webs and Food Chains show the direction of energy flow
* Know the difference between Food Webs and Food Chains
* Know how a disruption in a Food Web can have great negative effects on an ecosystem

5.4 – Energy Flow in an Ecosystem

* Know how the energy in an organism is distributed between life functions, waste and being passed along
* Know how to represent producers, primary consumers, secondary consumers and tertiary consumers in a pyramid of numbers.
* Know what the pyramid of numbers is

5.5 – Matter Cycles

* Know how nutrients are cycled through an ecosystem
* Know how an ecosystem can be sustainable
* Know the details of both the carbon cycle and the water cycle.

6.1 – They Dynamics of Nature: Succession

* Know how an ecosystem can change over a long period of time
* Know how the steps of primary succession
* Know how secondary succession is similar to and different from primary succession

6.2 – Human Impact on Ecosystems

* Know how habitat loss can influence biodiversity
* Know why biodiversity is needed in an ecosystem
* Know how humans are influencing habitat loss and biodiversity
* Know how invasive species can influence an ecosystem

Recommended Questions:

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